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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): James H. Schaffner, et al.) Re: Information Disclosure Statement
Serial No.: 10/786,736) Group: 2817
Filed: February 24, 2004) Examiner: not yet assigned
For: "RF MEMS SWITCH WITH INTEGRATED) Our Ref: B-4958NP 621373-2
IMPEDANCE MATCHING STRUCTURE") Date: November 2, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003, with the exception of U.S. Patent Application No. 10/792,411, U.S. Patent Application No. 10/792,412, U.S. Patent Application No. 10/836,966, and U.S. Patent Application No. 10/844,104 because these applications have not yet been published.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US00/23197 (9 pages). A copy of the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified)

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include those cited in the International Search Report for a related PCT application no. PCT/US00/35030 (4 pages). A copy of the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US00/35031 (7 pages). A copy of the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US00/34957 (2 pages). A copy of the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US01/00855 (7 pages). A copy of the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US01/08052 (6 pages). A copy of the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US01/09895 (4 pages). A copy of the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US01/09973 (4 pages). A copy of

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the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US03/15479 (4 pages). A copy of the International Search Report is enclosed herewith.

German Document No. 196 00 609 A1 is not in English. A concise English-language explanation of the relevance of German Document No. 196 00 609 A1 can be found in the enclosed English-language abstract.

European Document No. 0 539 297 A1 is not in English. A concise English-language explanation of the relevance of European Document No. 0 539 297 A1 can be found in the enclosed English-language abstract.

French Document No. 2 785 476 is not in English. A concise English-language explanation of the relevance of French Document No. 2 785 476 can be found in the enclosed English-language abstract.

Japanese Document No. 61-260702 is not in English. A concise English-language explanation of the relevance of Japanese Document No. 61-260702 can be found in the enclosed English-language abstract.

World Intellectual Property Organization Publication Document No. 98/21734 is not in English. A concise English-language explanation of the relevance of World Intellectual Property Organization Publication Document No. 98/21734 can be found in the enclosed English-language abstract.

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World Intellectual Property Organization Publication Document No. 00/44012 is not in English. A concise English-language explanation of the relevance of World Intellectual Property Organization Publication Document No. 00/44012 can be found in the enclosed English-language abstract.

It should be noted that the above-identified application may be related by subject matter to the following U.S. Application(s): 10/192,986, filed on July 9, 2002 (published as U.S. Patent Application Publication No. 2003/0122721 A1), 10/436,753, filed May 12, 2003 (published as U.S. Patent Application Publication No. 2003/0227351 A1); 10/714,528, filed November 14, 2003 (published as U.S. Patent Application Publication No. 2004/0135649 A1); 10/792,411, filed on March 2, 2004; 10/792,412, filed on March 2, 2004; and 10/836,966, filed April 30, 2004; 10/844,104, filed May 11, 2004. Pursuant to 37 C.F.R. 1.56(a) and M.P.E.P. 2004, paragraph 9, the applicant brings these co-pending applications to the attention of the Examiner. The Examiner should consider this information during the prosecution of the above-identified application. However, citation of these applications does not constitute an admission that the claims of the present application are substantially similar or similar to those of the applications listed above.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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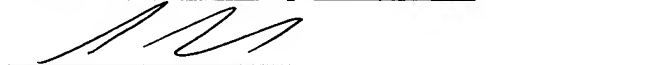
The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

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The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on November 2, 2004 by Shana Morda.



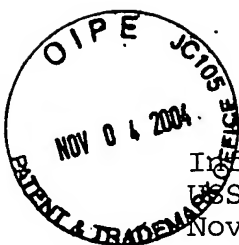
Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (12 pages)
Copy of Search Report for PCT/US00/23197 (9 pages)
Copy of Search Report for PCT/US00/35030 (4 pages)
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Copy of Search Report for PCT/US00/34957 (2 pages)
Copy of Search Report for PCT/US01/00855 (7 pages)
Copy of Search Report for PCT/US01/08052 (6 pages)
Copy of Search Report for PCT/US01/09895 (4 pages)
Copy of Search Report for PCT/US01/09973 (4 pages)
Copy of Search Report for PCT/US03/15479 (4 pages)
Copy of Non-U.S. Patent documents listed on Form PTO-1449 (modified), with the exception of U.S. Patent Application Nos. 10/792,411, 10/792,412, 10/836,966, and 10/844,104



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Form PTO-1449 (Modified) Page 1 of 12	ATTY DOCKET NO. B-4958NP 621373-2	U.S. SERIAL NO. 10/786,736
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS James H. Schaffner, et al.	
	FILING DATE February 24, 2004	GROUP 2817

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	10/792,411		Sievenpiper			3/2/2004
	10/792,412		Sievenpiper			3/2/2004
	10/836,966		Sievenpiper			4/30/2004
	10/844,104		Sievenpiper et al.			5/11/2004
	2001/0035801 A1	11/2001	Gilbert	333	126	
	2002/0036586 A1	3/2002	Gothard et al.	342	374	
	2003/0122721 A1	7/2003	Sievenpiper	343	767	
	2003/0227351 A1	12/2003	Sievenpiper	333	105	
	2004/0135649 A1	7/2004	Sievenpiper	333	105	
	3,267,480	8/1966	Lerner	343	911	
	3,560,978	2/1971	Himmel et al.	343	106	
	3,810,183	5/1974	Krutsinger et al.	343	708	
	3,961,333	6/1976	Purinton	343	872	
	4,045,800	8/1977	Tang et al.	343	854	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	4,051,477	9/1977	Murphy et al.	343	700 MS	
	4,119,972	10/1978	Fletcher et al.	343	844	
	4,123,759	10/1978	Hines et al.	343	854	
	4,124,852	11/1978	Steudel	343	854	
	4,127,586	11/1978	Rody et al.	260	308 B	
	4,150,382	11/1979	King	343	754	
	4,173,759	11/1979	Bakhru	343	100	
	4,189,733	2/1980	Malm	343	100 SA	
	4,217,587	8/1980	Jacomini	343	100 SA	
	4,220,954	9/1980	Marchland	343	113 R	
	4,236,158	11/1980	Daniel	343	100 LE	
	4,242,685	12/1980	Sanford	343	770	
	4,266,203	5/1981	Saudreau et al.	333	21 A	
	4,308,541	12/1981	Seidel et al.	343	786	
	4,367,475	1/1983	Schiavone	343	767	
	4,370,659	1/1983	Chu et al.	343	772	
	4,387,377	6/1983	Kandler	343	756	
	4,395,713	7/1983	Nelson et al.	343	713	
	4,443,802	4/1984	Mayes	343	729	
	4,590,478	5/1986	Powers et al.	343	700 MS	

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	4,594,595	6/1986	Struckman	343	770	
	4,672,386	6/1987	Wood	343	770	
	4,684,953	8/1987	Hall	343	725	
	4,700,197	10/1987	Milne	343	837	
	4,737,795	4/1988	Nagy et al.	343	712	
	4,749,966	6/1988	Tresselt	343	700 MS	
	4,760,402	7/1988	Mizuno et al.	343	713	
	4,782,346	11/1988	Sharma	343	795	
	4,803,494	2/1989	Norris et al.	343	770	
	4,821,040	4/1989	Johnson et al.	343	700 MS	
	4,835,541	5/1989	Johnson et al.	343	713	
	4,843,400	6/1989	Tsao et al.	343	700 MS	
	4,843,403	6/1989	Lalezari et al.	343	767	
	4,853,704	8/1989	Diaz et al.	343	767	
	4,903,033	2/1990	Tsao et al.	343	700 MS	
	4,905,014	2/1990	Gonzalez et al.	343	909	
	4,916,457	4/1990	Foy et al.	343	770	
	4,922,263	5/1990	Dubost et al.	343	797	
	4,958,165	9/1990	Axford et al.	343	770	
	5,021,795	6/1991	Masiulis	343	700 MS	

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	5,023,623	6/1991	Kreinherder et al.	343	725	
	5,070,340	12/1991	Diaz	343	767	
	5,081,466	1/1992	Bitter, Jr.	343	767	
	5,115,217	5/1992	McGrath et al.	333	246	
	5,146,235	9/1992	Frese	343	895	
	5,158,611	10/1992	Ura et al.	106	499	
	5,235,343	8/1993	Audren et al.	343	816	
	5,268,696	12/1993	Buck et al.	342	372	
	5,268,701	12/1993	Smith	343	767	
	5,287,116	2/1994	Iwasaki et al.	343	700 MS	
	5,287,118	2/1994	Budd	343	909	
	5,402,134	3/1995	Miller et al.	343	742	
	5,406,292	4/1995	Schnetzler et al.	343	700 MS	
	5,519,408	5/1996	Schnetzler	343	767	
	5,525,954	5/1996	Komazaki et al.	333	219	
	5,531,018	7/1996	Saia et al.	29	622	
	5,532,709	7/1996	Talty	343	819	
	5,534,877	7/1996	Sorbello et al.	343	700 MS	
	5,541,614	7/1996	Lam et al.	343	792.5	
	5,557,291	9/1996	Chu et al.	343	725	

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Form PTO-1449 (Modified) Page 5 of 12	ATTY DOCKET NO. B-4958NP 621373-2	U.S. SERIAL NO. 10/786,736
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB-CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	5,581,266	12/1996	Peng et al.	343	770	
	5,589,845	12/1996	Yandrofski et al.	343	909	
	5,611,940	3/1997	Zettler	73	514.16	
	5,638,946	6/1997	Zavracky	200	181	
	5,644,319	7/1997	Chen et al.	343	702	
	5,694,134	12/1997	Barnes	343	700	
	5,721,194	2/1998	Yandrofski et al.	505	210	
	5,767,807	6/1998	Pritchett	342	374	
	5,808,527	9/1998	De Los Santos	333	205	
	5,874,915	2/1999	Lee et al.	342	375	
	5,892,485	4/1999	Glabe et al.	343	789	
	5,894,288	4/1999	Lee et al.	343	770	
	5,905,465	5/1999	Olson et al.	343	700 MS	
	5,923,303	7/1999	Schwengler et al.	343	853	
	5,926,139	7/1999	Korisch	343	702	
	5,929,819	7/1999	Grinberg	343	754	
	5,943,016	8/1999	Synder, Jr. et al.	343	700 MS	
	5,945,951	8/1999	Monte et al.	343	700 MS	
	5,949,382	9/1999	Quan	343	767	
	5,966,096	10/1999	Brachat	343	700 MS	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	5,966,101	10/1999	Haub et al.	343	767	
	6,005,519	12/1999	Burns	343	700 MS	
	6,005,521	12/1999	Suguro et al.	343	700 MS	
	6,008,770	12/1999	Sugawara	343	767	
	6,016,125	1/2000	Johansson	343	702	
	6,028,561	2/2000	Takei	343	767	
	6,034,644	3/2000	Okabe et al.	343	767	
	6,034,655	3/2000	You	345	60	
	6,037,905	3/2000	Koscica et al.	343	701	
	6,040,803	3/2000	Spall	343	700 MS	
	6,046,659	4/2000	Cipolla	343	137	
	6,046,659	4/2000	Loo et al.	343	362	
	6,054,659	4/2000	Lee et al.	200	181	
	6,061,025	5/2000	Jackson et al.	343	700 MS	
	6,075,485	6/2000	Lilly et al.	343	700 MS	
	6,081,235	6/2000	Romanofsky, et al.	343	700 MS	
	6,081,239	6/2000	Sabet et al.	343	753	
	6,097,263	8/2000	Mueller et al.	333	17.1	
	6,097,343	8/2000	Goetz et al.	343	708	
	6,118,406	9/2000	Josypenko	343	700 MS	

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	6,118,410	9/2000	Nagy	343	713	
	6,127,908	10/2000	Bozler et al.	333	246	
	6,150,989	11/2000	Aubry	343	767	
	6,154,176	11/2000	Fathy et al.	343	700 MS	
	6,166,705	12/2000	Mast et al.	343	853	
	6,175,337 B1	1/2001	Jasper, Jr. et al.	343	770	
	6,175,723 B1	1/2001	Rothwell, III	455	63	
	6,188,369 B1	2/2001	Okabe et al.	343	767	
	6,191,724 B1	2/2001	McEwan	342	21	
	6,198,438 B1	3/2001	Herd et al.	343	700 MS	
	6,198,441 B1	3/2001	Okabe et al.	343	702	
	6,204,819 B1	3/2001	Hayes et al.	343	702	
	6,218,912 B1	4/2001	Mayer	343	106	
	6,218,997 B1	4/2001	Lindenmeier et al.	343	725	
	6,246,377 B1	6/2001	Aiello et al.	343	700	
	6,252,473 B1	6/2001	Ando	333	105	
	6,285,325 B1	9/2001	Nalbandian et al.	343	700 MS	
	6,307,519 B1	10/2001	Livingston et al.	343	767	
	6,317,095 B1	11/2001	Teshirogi et al.	343	785	
	6,323,826 B1	11/2001	Sievenpiper et al.	343	909	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLAS S	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	6,331,257 B1	12/2001	Loo et al.	216	13	
	6,366,254 B1	4/2002	Sievenpiper et al.	343	700	
	6,373,349 B2	4/2002	Gilbert	333	126	
	6,380,895 B1	4/2002	Moren et al.	343	700 MS	
	6,388,631 B1	5/2002	Livingston et al.	343	767	
	6,392,610 B1	5/2002	Braun et al.	343	876	
	6,404,390 B2	6/2002	Sheen	343	700 MS	
	6,404,401 B2	6/2002	Gilbert et al.	343	780	
	6,407,719 B1	6/2002	Ohira et al.	343	893	
	6,417,807 B1	7/2002	Hsu et al.	343	700 MS	
	6,426,722 B1	7/2002	Sievenpiper et al.	343	700 MS	
	6,440,767 B1	8/2002	Loo et al.	438	52	
	6,473,362 B1	10/2002	Gabbay	367	119	
	6,483,480 B1	11/2002	Sievenpiper et al.	343	909	
	6,496,155 B1	11/2002	Sievenpiper et al.	343	770	
	6,515,635 B2	4/2003	Chiang et al.	343	834	
	6,518,931 B1	2/2003	Sievenpiper	343	700	
	6,538,621 B1	3/2003	Sievenpiper et al.	343	909	
	6,552,696 B1	4/2003	Sievenpiper et al.	343	909	

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	196 00 609 A1	4/1997	DE			abstract
	0 539 297	4/1993	EP			abstract
	1 158 605 A1	11/2001	EP			
	2 785 476	5/2000	FR			abstract
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